

AUTOMOTIVE TECHNOLOGY (AT)

About the program

Programs in this field provide basic and advanced educational opportunities for students seeking careers in the automotive service industry, including service technician, specialty technician, and parts or service manager.

Degrees/Certificates within this Program:

- Associate of Science Degree, Automotive Technology
- Certificate of Achievement, Advanced Automotive Technology
- Certificate of Recognition, Basic Automotive Technology

Career Opportunities

Employment opportunities in this field include:

- Automotive Service Technician
- Specialty Technician
- Parts Manager
- Service Manager

For more information

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www.redwoods.edu/Automotive/
- Career & Technical Division, 707-476-4341
- Counseling & Advising, 707-476-4150

Certificate of Achievement, Advanced Automotive Technology

Program Requirements	Units
AT 12 Automotive Braking Systems	4.0
AT 14 Manual Drivetrain and Axle	4.0
AT 16 Automotive Electrical Systems	4.0
AT 18 Automotive Engine Repair	4.0
AT 20 Automotive Suspension & Steering Systems	4.0
AT 22 Automotive Electronics	4.0
AT 24 Engine Performance	4.0
AT 26 Automotive Air Conditioning and Heating	4.0
AT 28 Advanced Engine Performance	4.0
AT 30 Automatic Transmission/Transaxle	4.0
Total Units	40.0

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Suggested Program Sequence

Fall Start

Semester 1 AT 12, AT 14, AT 16

Semester 2 AT 34, AT 22

Semester 3 AT 28, AT 20

Semester 4 AT 18, AT 26, AT 30

Program Learning Outcomes

- Successfully perform the entry level skills and tasks required for service and repair of automotive systems.
- Locate industry-standard diagnostic information to localize complex automotive problems.
- Perform common service and repair tasks identified by the National Automotive Technicians Education Foundation (NATEF).